

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|---|---|----------------------|------------|---|------------|--------------------------|---|
| 1 | | US 20040021685 A1 | 20040205 | Systems and methods for filtering and/or viewing collaborative indexes of recorded media | 345/721 | Denoue, Laurent et al. | |
| 2 | | US 20030225832 A1 | 20031204 | Creation and editing of multimedia documents in a multimedia collaboration system | 709/204 | Ludwig, Lester F. | |
| 3 | | US 20030187940 A1 | 20031002 | Teleconferencing employing multiplexing of video and data conferencing signals | 709/206 | Ludwig, Lester F. et al. | |
| 4 | | US 20030158901 A1 | 20030821 | UTP based video conferencing | 709/205 | Ludwig, Lester F. et al. | |
| 5 | | US 20020154210 A1 | 20021024 | VIDEOCONFERENCING HARDWARE | 348/14.08 | LUDWIG, LESTER F. et al. | |
| 6 | | US 20020124051 A1 | 20020905 | Marking and searching capabilities in multimedia documents within multimedia collaboration networks | 709/204 | Ludwig, Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|----------------------|------------|--|------------|--------------------------|---|
| 7 | | US 20020091768 A1 | 20020711 | System and method for threading heterogenous communications in collaborative process contexts | 709/204 | Balasubramanian, Vasant | |
| 8 | | US 20020089537 A1 | 20020711 | System and method for threading heterogenous communications in collaborative process contexts | 345/751 | Balasubramanian, Vasant | |
| 9 | | US 20020059342 A1 | 20020516 | ANNOTATING TEMPORALLY-DIMENSIONED MULTIMEDIA CONTENT | 715/512 | GUPTA, ANOOP et al. | |
| 10 | | US 20010044826 A1 | 20011122 | Dedicated echo canceler for a workstation | 709/204 | Ludwig, Lester F. et al. | |
| 11 | | US 20010001864 A1 | 20010524 | Trackpoint-based computer-implemented systems and methods for facilitating collaborative project development and communication | 709/205 | Page, John D. et al. | |
| 12 | | US 6594688 B2 | 20030715 | Dedicated echo canceler for a workstation | 709/204 | Ludwig; Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|---------------------|------------|--|------------|--------------------------------|---|
| 13 | | US 6583806 B2 | 20030624 | Videoconferencing hardware | 348/14.08 | Ludwig; Lester F. et al. | |
| 14 | | US 6546405 B2 | 20030408 | Annotating temporally-dimensioned multimedia content | 715/512 | Gupta; Anoop et al. | |
| 15 | | US 6437818 B1 | 20020820 | Video conferencing on existing UTP infrastructure | 348/14.09 | Ludwig; Lester F. et al. | |
| 16 | | US 6426769 B1 | 20020730 | High-quality switched analog video communications over unshielded twisted pair | 348/14.08 | Ludwig; Lester F. et al. | |
| 17 | | US 6370562 B2 | 20020409 | Trackpoint-based computer-implemented systems and methods for facilitating collaborative project development and communication | 709/204 | Page; John D. et al. | |
| 18 | | US 6351762 B1 | 20020226 | Method and system for log-in-based video and multimedia calls | 709/204 | Ludwig; Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|---------------------|------------|--|------------|--------------------------|---|
| 19 | | US 6343314 B1 | 20020129 | Remote participant hold and disconnect during videoconferencing | 709/204 | Ludwig; Lester F. et al. | |
| 20 | | US 6237025 B1 | 20010522 | Multimedia collaboration system | 709/204 | Ludwig; Lester F. et al. | |
| 21 | | US 6212549 B1 | 20010403 | Trackpoint-based computer-implemented systems and methods for facilitating collaborative project development and communication | 709/205 | Page; John D. et al. | |
| 22 | | US 6212547 B1 | 20010403 | UTP based video and data conferencing | 709/204 | Ludwig; Lester F. et al. | |
| 23 | | US 6105055 A | 20000815 | Method and apparatus for asynchronous multimedia collaboration | 709/204 | Pizano; Arturo et al. | |
| 24 | | US 5978835 A | 19991102 | Multimedia mail, conference recording and documents in video conferencing | 709/204 | Ludwig; Lester F. et al. | |
| 25 | | US 5915091 A | 19990622 | Synchronization in video conferencing | 709/204 | Ludwig; Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|-----------------|------------|---|------------|--------------------------------|---|
| 26 | | US 5896500 A | 19990420 | System for call request which results in first and second call handle defining call state consisting of active or hold for its respective AV device | 709/204 | Ludwig; Lester F. et al. | |
| 27 | | US 5884039 A | 19990316 | System for providing a directory of AV devices and capabilities and call processing such that each participant participates to the extent of capabilities available | 709/227 | Ludwig; Lester F. et al. | |
| 28 | | US 5867654 A | 19990202 | Two monitor videoconferencing hardware | 709/204 | Ludwig; Lester F. et al. | |
| 29 | | US 5854893 A | 19981229 | System for teleconferencing in which collaboration types and participants by names or icons are selected by a participant of the teleconference | 709/204 | Ludwig; Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|-----------------|------------|--|------------|--------------------------------|---|
| 30 | | US 5802294 A | 19980901 | Teleconferencing system in which location video mosaic generator sends combined local participants images to second location video mosaic generator for displaying combined images | 709/204 | Ludwig; Lester F. et al. | |
| 31 | | US 5758079 A | 19980526 | Call control in video conferencing allowing acceptance and identification of participants in a new incoming call during an active teleconference | 709/204 | Ludwig; Lester F. et al. | |
| 32 | | US 5689641 A | 19971118 | Multimedia collaboration system arrangement for routing compressed AV signal through a participant site without decompressing the AV signal | 709/241 | Ludwig; Lester F. et al. | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|--------------|------------|---|------------|--------------------------|---|
| 33 | | US 5617539 A | 19970401 | Multimedia collaboration system with separate data network and A/V network controlled by information transmitting on the data network | 709/205 | Ludwig; Lester F. et al. | |
| 34 | | NN9509425 | 19950901 | Collaborative Multimedia Annotation using a Centralized Document Server | | | |
| 35 | | NN9508167 | 19950801 | Amortizing Multimedia Annotation Transmission Times Over a Collaborative Session | | | |

| | 1 | Document ID | Issue Date | Title | Current OR | Inventor | 2 |
|----|---|-------------------------|---------------|--|---------------|-------------------|---|
| 36 | | US 200400216 85 A | 20040205 | Multimedia annotations collaborative index filtering and viewing method, involves obtaining index of annotations of multimedia to associate annotations with portions of multimedia, and displaying high value annotations | | CHIU, P et al. | |

| | Document ID | Issue Date | Title | Current OR | Inventor | P T |
|---|--------------------------|------------|---|------------|----------------------------|-----|
| 1 | US 200400883 76 A1 | 20040506 | Transaction accelerator for client-server communication systems | 709/219 | McCanne, Steven et al. | |
| 2 | US 200400030 46 A1 | 20040101 | System and methods for providing instant services in an internet protocol network | 709/206 | Grabelsky, David et al. | |
| 3 | US 200302086 01 A1 | 20031106 | System and method for session control in a mobile internet protocol network | 709/227 | Campbell, Edward P. et al. | |
| 4 | US 200301355 56 A1 | 20030717 | Selection of communication strategies for message brokers or publish/subscribe communications | 709/206 | Holdsworth, Simon A. J. | |
| 5 | US 200301153 17 A1 | 20030619 | Selection of communication protocol for message transfer based on quality of service requirements | 709/224 | Hickson, Andrew I. et al. | |
| 6 | US 200300974 10 A1 | 20030522 | Methodology for enabling multi-party collaboration across a data network | 709/206 | Atkins, R. Travis et al. | |

| | Document ID | Issue Date | Title | Current OR | Inventor | P T |
|----|------------------|------------|---|------------|---------------------------|-----|
| 14 | US 5802391 A | 19980901 | Direct-access team/workgroup server shared by team/workgrouped computers without using a network operating system | 710/2 | Hwang; Ivan Chung-Shung | |
| 15 | US 5751338 A | 19980512 | Methods and systems for multimedia communications via public telephone networks | 348/14.12 | Ludwig, Jr.; Lester Frank | |
| 16 | US 5630184 A | 19970513 | Method of deleting and adding nodes in a spanning tree network by collating replies from other nodes | 709/221 | Roper; Michael I. et al. | |
| 17 | WO 9959337 A1 | 19991118 | VIDEO-CONFERENCING SYSTEM WITH VIDEO EDITING | | PARISH, CRAIG | |
| 18 | NN9507335 | 19950701 | Hypermedia Documents using a Server in a Collaborative Session | | | |